



## THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ohtani. et al.

Art Unit: 2871

Examiner: David Chung

Serial No.: 09/588,996

Filed

: June 6, 2000

Title

: ACTIVE MATRIX LIOUID CRYSTAL WITH CAPACITOR BELOW

DISCLINATION REGION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted.

Date: November 17, 2003

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Substitute Form PTO-1449 (Modified) Information Disclosure Statement

U.S. Department of Commerce Patent and Trademark Office

by Applicant (Use several sheets if necessary) Attorney's Docket No. 07977-220002

Application No. 09/588,996

Applicant Ohtani, et al.

June 6, 2000

Filing Date

Group Art Unit 2871

(37 CFR §1.98(b))

(DADEN **U.S. Patent Documents** Examiner Desia. Document Publication Filing Date Patentee Class Initial ID Number Date Subclass If Appropriate AA 2003/0168688 09/11/03 OHTANI et al. AB5,283,566 02/01/94 MIMURA et al. 03/12/96 MIKOSHIBA AC 5.499.123 01/27/98 SUZAWA AD 5,712,495 AE 5,737,049 04/07/98 SHIN et al. AF 5,781,262 07/14/98 SUZUKI et al. 07/21/98 KIM et al. AG 5,784,133 11/03/98 LEE ΑH 5.831.692 12/22/98 **TAKEMURA** ΑI 5,852,488 01/12/99 WATANABE et al. ΑJ 5,859,677 03/23/99 ΑK 5.886,365 KOLICHI et al. 07/06/99 LEE AL5.920.362 AM 5,943,106 08/24/99 SUKENORI et al. 09/14/99 SHIMADA AN 5,953,085 AO 5,966,193 10/12/99 ZHANG et al. AP 5,982,460 11/09/99 ZHANG et al. AO 5,986,723 11/16/99 NAKAMURA et al. AR 6.005.648 12/21/99 ZHANG et al. AS 6,097,454 08/01/00 ZHANG et al. AT 6,104,461 08/15/00 ZHANG et al.

Foreign Patent Documents or Published Foreign Patent Applications										
Examiner	Desig.	Document	Publication	Country or			Translation			
Initial	ID D	Number	Date	Patent Office	Class	Subclass	Yes	No		
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ZHANG et al.

Examiner		

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09/05/00

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-220002	Application No. 09/588,996		
In		Disclosure Statement by Applicant	Applicant Ohtani, et al.			
(Use several sheets if necessary) (37 CFR §1.98(b))			Filing Date June 6, 2000	Group Art Unit NOV 1 7 2003		
				P. DADES		
	Other Do	ocuments (include Author, <sup>1</sup>	Fitle, Date, and Plac	ce of Publication)		
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